NewPower

THE GROUNDBREAKING WAY TO DECARBONISE YOUR BUS FLEET.

WRIGHT

newpower.com

INTRODUCING NEWPOWER BY WRIGHTBUS

NewPower, by world-leading bus manufacturer, Wrightbus, is a groundbreaking solution, designed to repower midlife diesel buses with new zero-emission electric powertrains, giving a new 10 year zero-emission life. Located in a state-of-the-art factory in Bicester, Oxfordshire, NewPower aims to accelerate the decarbonisation of older bus fleets across the UK, at a substantially lower price than a new bus.

Our Expertise

NewPower, in collaboration with Wrightbus, leverages the unmatched expertise of Wrightbus' workforce to replace diesel with electric powertrains. This unique capability allows us to perform conversions in as little as three weeks, with facilities capable of working on six buses simultaneously.

OUR PROCESS

1 Assessment and Planning
Our engineering team conducts a thorough assessment of your bus fleet to identify the best candidates for repowering.

2 Swift Turnaround
Once the necessary parts are available, the conversion process takes just three weeks, minimising downtime and maximising efficiency.

3 Comprehensive Refurbishment
Every bus is fully checked and repaired to ensure it's 100% ready for service.

We also offer options to refurbish the bus, including repainting, new upholstery, and interior refurbishment, giving your bus a brand new look.

4 Diesel Powertrain Management
The diesel powertrain can be refurbished and returned to your depot as backup spare parts for your remaining diesel fleet, reducing downtime for engine replacement.

5 Warranty and Support
We offer a variety of OEM warranties (check specifications leaflet) to give you peace of mind. Our extensive service support network ensures that your buses are well-maintained and any issues are promptly addressed.

6 Final Touches
Your vehicles will retain their original brand identity, with the addition of a NewPower badge to signify their new zero-emission status.

TCO BENEFITS OF CONVERTING DIESEL TO NEWPOWER

- 6% lower operating costs than EU6 diesel bus
- 41% reduction in maintenance costs
- 17% reduction in energy costs
- 13% increase in OPEX rebates available
- ZEVRAS Accredited

THE NEWPOWER ADVANTAGE

- Less than half the price of a new EV.
- Accelerating decarbonisation of the bus fleet and achieving decarbonisation targets.
- Repowering buses from diesel to electric reduces 70 tons of carbon per bus per annum.
- Extended 10-year life expectancy of the repowered bus.
- Qualifies for 22p/km the Bus Service Operators Grant.
- Improved air quality in the communities served.
- Turn around in 3 weeks.
- The first major bus OEM to offer this solution, Wrightbus homologate, cover the vehicle with OEM warranties.
- Option to refurbish the bus: repaint, new upholstery, interior refurbishment.
- Diesel powertrain can be refurbished and returned to the depot as backup spare parts for your remaining diesel fleet.

THE REPOWER RANGE

Wrightbus StreetDeck
All diesel and hybrid variants of the StreetDeck are eligible.

Volvo Powered StreetDeck Buses
B5TL variants only

SPECIFICATIONS

- Two power pack options: 385kW and 308kW
- Full Voith powertrain used (commonality with new buses)
- Dual charge port option
- Graysons thermal management system
- Original axles retained

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For more information:
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